

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
REQUEST FOR FILING NATIONAL PATENT APPLICATION

Under 35 USC 111(a) and Rule 53(b)

PATENT APPLICATION

Asst. Commissioner of Patents  
Washington, D.C. 20231

WITH SIGNED DECLARATION

NONPROVISIONAL  
NON REISSUE  
NON PCT NAT PHASE

Herewith is the PATENT APPLICATION of  
Inventor(s): ITO, et al.

Atty. Dkt.: PM 262732  
M#

50934-US-MK  
Client Ref

Title METHOD OF ETCHING METALLIC THIN FILM ON THIN  
FILM RESISTOR

including:

Date: July 28, 1999

1. Specification: 40 pages (only spec. and claims) 2. ☐ Specification in non-English language  
3. Declaration ☒ Original ☐ Facsimile/Copy ☒ Abstract 1 page(s); 25 numbered claims  
4. ☒ Drawings: 20 sheet(s) ☐ informal; ☒ formal of size: ☒ A4 ☐ 11"  
5. ☐ See top first page re prior Provisional, National or International application(s). ("X" box only if info is there and do not  
complete corresponding item 6 or 7). (Prior M#          SN         )  
6. AMEND the specification please by inserting before the first line: -- This is a ☐ Continuation-in-Part  
☐ Divisional ☐ Continuation ☐ Substitute Application (MPEP 201.09) of:  
6(a) ☐ National Appln. No.          /          filed          (M#         )  
6(b) ☐ International Appln. No.          filed           
7. ☐ AMEND the specification by inserting before the first line: -- This application claims the benefit of U.S.  
Provisional Application No. 60/         , filed          ..  
8. ☒ Attached is an assignment and cover sheet. Please return the recorded assignment to the undersigned.  
9. ☐ Prior application is assigned to

by Assignment recorded          Reel          Frame         

10. FOREIGN priority is claimed under 35 USC 119(a)-(d)/365(b) based on filing in JAPAN

11.          (country)

Application No.	Filing Date	Application No.	Filing Date
(1) 10-214495	July 29, 1998	(2) 10-217725	July 31, 1998
(3) 10-276083	September 29, 1998	(4)	
(5)		(6)	
(7)		(8)	
(9)		(10)	

12. 3 (No.) Certified copy (copies): ☒ attached; ☐ previously filed (date)           
in U.S. Application No.          /          filed on

13. ☐ Attached: \_\_\_\_\_ (No.) Verified Statement(s) establishing "small entity" status under Rules 9 & 27.

14. **DOMESTIC/INTERNATIONAL** priority is claimed under 35 USC 119(e)/120/365(c) based on the following provisional, nonprovisional and/or PCT international application(s):

Application No.	Filing Date	Application No.	Filing Date
(1)		(4)	
(2)		(5)	
(3)		(6)	

15. ☐ This application is being filed under Rule 53(b)(2) since an inventor is named in the enclosed Declaration who was not named in the prior application.

16. ☒ Attached: Information Disclosure Statement with Form PTO-1449 and copy of listed documents.

17. ☐ Preliminary Amendment:

**THE FOLLOWING FILING FEE IS BASED ON CLAIMS AS FILED LESS ANY ABOVE CANCELLED**

				Large/Small Entity		Fee Code
18. Basic Filing Fee				\$760/\$380	\$760	101/201
19. Total Effective Claims	25	minus 20 =	*5	x \$18/\$9 =	+ 90	103/203
20. Independent Claims	5	minus 3 =	*2	x \$78/\$39 =	+ 156	102/202
*If answer is zero or less, enter "0"						
21. If <u>any proper</u> multiple dependent claim (ignore improper) is present, add (Leave this line blank if this is a reissue application)				+ \$260/\$130	+ 0	104/204
22. TOTAL FILING FEE ENCLOSED =					\$1006	
23. If "non-English" box 2 is X'd, add Rule 17(k) processing fee				+ \$130	+ 0	139
24. If "assignment" box 6 is X'd, add recording fee				+ \$40	+ 40	581
25. <input type="checkbox"/> Attached is a Petition/Fee under Rule No.				+ \$130	+ 0	122
26. TOTAL FEE ENCLOSED =					\$1046	

Our Deposit Account No. 03-3975

Our Order No. 30954      262732  
C#      M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

**This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.**

**Pillsbury Madison & Sutro LLP**  
**Intellectual Property Group**

1100 New York Avenue, N.W.  
Ninth Floor, East Tower  
Washington, D.C. 20005-3918  
Tel: (202) 861-3000  
GLK/rgf

By Atty: G. Lloyd Knight

Reg. No. 17698

Sig: 

Fax: (202) 822-0944  
Tel: (202) 861-3090

NOTE: File in duplicate with 2 post card receipts (PAT-103) & attachments

# APPLICATION UNDER UNITED STATES PATENT LAWS

Invention: METHOD OF ETCHING METALLIC THIN FILM ON THIN FILM  
RESISTOR

Inventor(s): Ichiro ITO  
Satoshi SHIRAKI  
Tomio YAMAMOTO  
Makoto OHKAWA  
Astumi TAKAHASHI  
Yasuaki TSUZUKI  
Akito FUKUI  
Toshio SAKAKIBARA  
Takayuki SUGISAKA

Pillsbury Madison & Sutro LLP  
Intellectual Property Group  
1100 New York Avenue, N.W.  
Ninth Floor, East Tower  
Washington, D.C. 20005-3918  
Attorneys  
Telephone: (202) 861-3000

This is a:

- ☐ Provisional Application
- ☒ Regular Utility Application
- ☐ Continuing Application
- ☐ PCT National Phase Application
- ☐ Design Application
- ☐ Reissue Application
- ☐ Plant Application
- ☐ Substitute Specification  
Sub. Spec. filed \_\_\_\_\_  
in App. No. \_\_\_\_\_ / \_\_\_\_\_
- ☐ Marked Up Specification re  
Sub. Spec. filed \_\_\_\_\_  
in App. No. \_\_\_\_\_ / \_\_\_\_\_

## SPECIFICATION